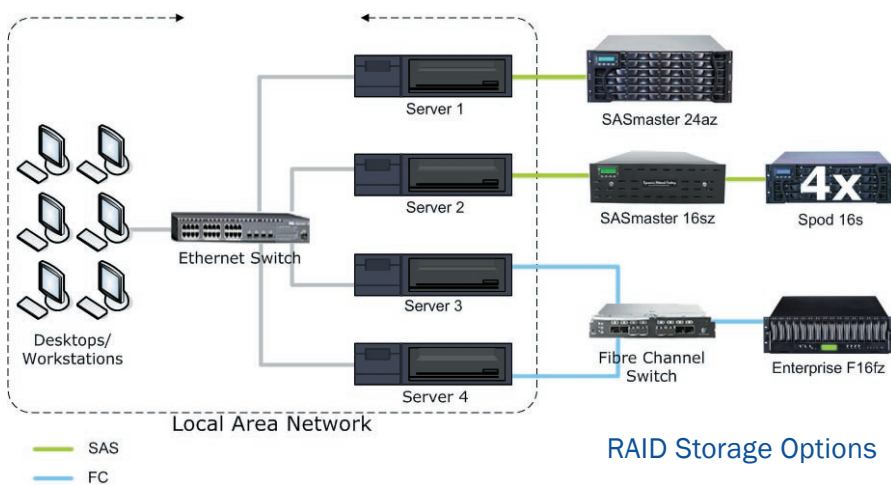




## DNF Storage Advanced RAID Solutions

### Unprecedented Reliability to Meet Your Dynamic Needs

For superior performance, reliability, and availability, DNF Storage offers advanced SAS and Fibre Channel attached RAID solutions designed for a variety of storage applications ranging from workgroup file serving to data intensive applications such as transaction data processing and video editing. Other high performance applications include archiving for legal compliance, virtual tape libraries, and disk-to-disk backup.



DNF takes pride in engineering only best-in-class hardware components for the highest level of system performance, so you can focus on your day-to-day operations, without worrying about your storage. We know that continuous data availability is critical for your organization, so each system undergoes a rigorous RAID Certification testing process to ensure 24/7 uptime and reliability. As a result, DNF customers experience a 50% lower drive failure rate compared to standard and RAID specific drives, and reduced hard drive related system downtime.

With high volume mission-critical environments in mind, DNF Storage provides scalable storage arrays designed to grow as your storage requirements increase. Flexible storage expansion and hot-swappable disk drives make it simple and straightforward to add storage on-the-fly without interruption. For advanced enterprise-class protection, our High-Availability (HA) systems scale up to 264 terabytes, and feature active-active RAID controllers with complete failover protection. DNF Storage offers the industry's most reliable RAID systems to meet your dynamic needs.

### High Performance Features

- ▶▶ Scalable from 8 to 264 SAS or SATA Disk Drives
- ▶▶ Up to 2GB of High-Speed Storage Cache
- ▶▶ RAID Levels 0, 1, 0+1, 3, 5, 6
- ▶▶ RAID Certified Drives for Lower Failure Rates
- ▶▶ Active-Active Controllers
- ▶▶ Remote System Monitoring/Configuration

### RAID Applications

- ▶▶ Disk-to-Disk Backup
- ▶▶ Virtual Tape Backup
- ▶▶ Disaster Recovery
- ▶▶ Video/Email Archiving
- ▶▶ Regulatory Compliance
- ▶▶ Business Continuity

### Supported HBAs

- ▶▶ LSI SAS3801E
- ▶▶ LSI SAS3801X
- ▶▶ LSI SAS3442E-R
- ▶▶ LSI SAS3442X-R
- ▶▶ LSI SAS3442X
- ▶▶ Qlogic QLE2562
- ▶▶ Qlogic QLE2462
- ▶▶ Qlogic QLA2562
- ▶▶ Qlogic QLA2342-2G

### Supported OSes

- ▶▶ Windows Server 2003
- ▶▶ Windows Server 2008
- ▶▶ Windows 2003/NT/XP
- ▶▶ Linux
- ▶▶ Solaris 10
- ▶▶ Mac OS X



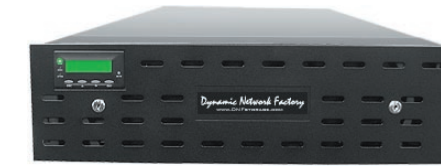
Enterprise F8f  
SASmaster 8az



Enterprise FS12fz  
SASmaster 12sz



Enterprise F16fz  
SASmaster 16az



Enterprise FS16fz  
SASmaster 16sz



Enterprise F24fz  
SASmaster 24az

### Fibre Channel Attached RAID Solutions

Product Model	Form Factor	# of Drives	Hard Drive Options	RAID Levels	Std. Storage Cache	Max Storage Cache	Host Connections	Supported External Expansion Array	Max # of Drives	Redundant RAID Controllers	Redundant Power Supplies
Enterprise F8f	2U Rackmount	8 Disks	3Gbps SATA HDDs	0, 1, 0+1, 3, 5, 10, 30, 50	256MB	2GB	2 x 4Gb Fibre Channel Ports	No External Expansion	8 Disks	No	Yes
Enterprise F12f	2U Rackmount	12 Disks	3Gbps SATA HDDs	0, 1, 0+1, 3, 5, 10, 30, 50	256MB	2GB	2 x 4Gb Fibre Channel Ports	No External Expansion	12 Disks	No	Yes
Enterprise FS12fz	2U Rackmount	12 Disks	3Gbps SATA or SAS HDDs	0, 1, 0+1, 3, 5, 6, 10, 30, 50, 60	512MB	2GB	2 x 4Gb Fibre Channel Ports	Up to 4 Spod 12s JBODs	60 Disks	No	Yes
Enterprise FS12fz-HA	2U Rackmount	12 Disks	3Gbps SATA or SAS HDDs	0, 1, 0+1, 3, 5, 6, 10, 30, 50, 60	512MB	2GB	4 x 4Gb Fibre Channel Ports	Up to 3 Spod 12s-HA JBODs	12 Disks	Yes	Yes
Enterprise F16fz	3U Rackmount	16 Disks	3Gbps SATA HDDs	0, 1, 0+1, 3, 5, 6	512MB	1GB	2 x 4Gb Fibre Channel Ports	No External Expansion	16 Disks	No	Yes
Enterprise FS16fz	3U Rackmount	16 Disks	3Gbps SATA or SAS HDDs	0, 1, 0+1, 3, 5, 6, 10, 30, 50, 60	512MB	2GB	2 x 4Gb Fibre Channel Ports	Up to 4 Spod 16s JBODs	80 Disks	No	Yes
Enterprise FS16fz-HA	3U Rackmount	16 Disks	3Gbps SATA or SAS HDDs	0, 1, 3, 5, 6, 10, 30, 50, 60	512MB	2GB	4 x 4Gb Fibre Channel Ports	Up to 3 Spod 16s-HA JBODs	64 Disks	Yes	Yes
Enterprise F24fz	4U Rackmount	24 Disks	3Gbps SATA HDDs	0, 1, 0+1, 3, 5, 6, 10, 30, 50, 60	512MB	2GB	2 x 4Gb Fibre Channel Ports	Up to 4 Spod 16s JBODs	88 Disks	No	Yes
Enterprise F24fz-HA	4U Rackmount	24 Disks	3Gbps SATA HDDs	0, 1, 0+1, 3, 5, 6, 10, 30, 50, 60	512MB	2GB	4 x 4Gb Fibre Channel Ports	Up to 2 Spod 16s-HA JBODs	56 Disks	Yes	Yes
Enterprise F48fz-HA	4U Rackmount	48 Disks	3Gbps SATA HDDs	0, 1, 5, 6, 10, 50	1GB	–	4 x 4Gb Fibre Channel Ports	1 Spod 48000 JBOD	96 Disks	Yes	Yes

### SAS Attached RAID Solutions

Product Model	Form Factor	# of Drives	Hard Drive Options	RAID Levels	Std. Storage Cache	Max Storage Cache	Host Connections	Supported External Expansion Array	Max # of Drives	Redundant RAID Controllers	Redundant Power Supplies
SASmaster 8az	2U Rackmount	8 Disks	3Gbps SATA HDDs	0, 1, 0+1, 3, 5, 6, 10, 30, 50, 60	256MB	2GB	2 x 3Gbps SAS Ports	No External Expansion	8 Disks	No	Yes
SASmaster 12az	2U Rackmount	12 Disks	3Gbps SATA HDDs	0, 1, 0+1, 3, 5, 6, 10, 30, 50, 60	256MB	2GB	2 x 3Gbps SAS Ports	No External Expansion	12 Disks	No	Yes
SASmaster 12sz	2U Rackmount	12 Disks	3Gbps SATA HDDs	0, 1, 0+1, 3, 5, 6, 10, 30, 50, 60	512MB	2GB	2 x 3Gbps SAS Ports	Up to 4 Spod 12s JBODs	60 Disks	No	Yes
SASmaster 12sz-HA	2U Rackmount	12 Disks	3Gbps SATA HDDs	0, 1, 0+1, 3, 5, 6, 10, 30, 50, 60	512MB	2GB	2 x 3Gbps SAS Ports	Up to 3 Spod 12s-HA JBODs	48 Disks	Yes	Yes
SASmaster 16az	3U Rackmount	16 Disks	3Gbps SATA HDDs	0, 1, 0+1, 3, 5, 6, 10, 30, 50, 60	512MB	2GB	2 x 3Gbps SAS Ports	No External Expansion	16 Disks	No	Yes
SASmaster 16sz	3U Rackmount	16 Disks	3Gbps SATA HDDs	0, 1, 0+1, 3, 5, 6, 10, 30, 50, 60	512MB	2GB	2 x 3Gbps SAS Ports	Up to 4 Spod 16s JBODs	80 Disks	No	Yes
SASmaster 16sz-HA	3U Rackmount	16 Disks	3Gbps SATA HDDs	0, 1, 0+1, 3, 5, 6, 10, 30, 50, 60	512MB	2GB	2 x 3Gbps SAS Ports	Up to 3 Spod 16s-HA JBODs	64 Disks	Yes	Yes
SASmaster 24az	4U Rackmount	24 Disks	3Gbps SATA HDDs	0, 1, 0+1, 3, 5, 6, 10, 30, 50, 60	512MB	2GB	2 x 3Gbps SAS Ports	Up to 3 SASmaster 24az RAID and 12 Spod 16s JBODs	264 Disks	No	Yes
SASmaster 24az-HA	4U Rackmount	24 Disks	3Gbps SATA HDDs	0, 1, 0+1, 3, 5, 6, 10, 30, 50, 60	512MB	2GB	2 x 3Gbps SAS Ports	Up to 3 SASmaster 24az-HA RAID and 6 Spod 16s-HA JBODs	168 Disks	Yes	Yes

## External Expansion JBOD Solutions

Product Model	Form Factor	# of Drives	Hard Drive Options	Supported RAID Array	Redundant Power Supplies
<b>Spod 12s</b>	2U Rackmount	12 Disks	3Gbps SATA or SAS HDDs	Enterprise FS12fz SASmaster 12sz	Yes
<b>Spod 12s-HA</b>	2U Rackmount	12 Disks	3Gbps SATA or SAS HDDs	Enterprise FS12fz-HA SASmaster 12sz-HA	Yes
<b>Spod 16s</b>	3U Rackmount	16 Disks	3Gbps SATA or SAS HDDs	Enterprise FS16fz Enterprise F24fz SASmaster 16sz SASmaster 24az	Yes
<b>Spod 16s-HA</b>	3U Rackmount	16 Disks	3Gbps SATA or SAS HDDs	Enterprise FS16fz-HA Enterprise F24fz-HA SASmaster 16sz-HA SASmaster 24az-HA	Yes
<b>Spod 48000</b>	4U Rackmount	48 Disks	3Gbps SATA HDDs	Enterprise F48fz-HA	Yes

### About Dynamic Network Factory

Founded in 1989, Dynamic Network Factory, Inc. (DNF) is a privately held company based in Silicon Valley (Hayward, Ca.). DNF started as a U.S. subsidiary of the publicly traded Japanese IT conglomerate, CSK Electronics, in 1989. In 1998, the company refined its strategy and began to focus the hardware group on storage solutions. Within a year, DNF's rapid growth resulted in its emergence as an independent, privately held spin-off. In 2006, DNF completed its acquisition of StoneFly (re-incorporated as StoneFly, Inc.), an iSCSI storage pioneer and developer of complete, turnkey IP SAN solutions. Since its inception, DNF has designed custom solutions for organizations of all sizes and built products for many major computer manufacturers. Today, DNF consists of seven business divisions including StoneFly, DNF Security, DNF Professional Services, DNF Medical, DNF Defense, DNF Systems and DNF Storage. DNF has thousands of customers ranging from consumers and small-to-medium businesses, to government agencies, universities, hospitals, financial institutions and Fortune 500 companies. For more information visit [www.dynamicnetworkfactory.com](http://www.dynamicnetworkfactory.com).



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